

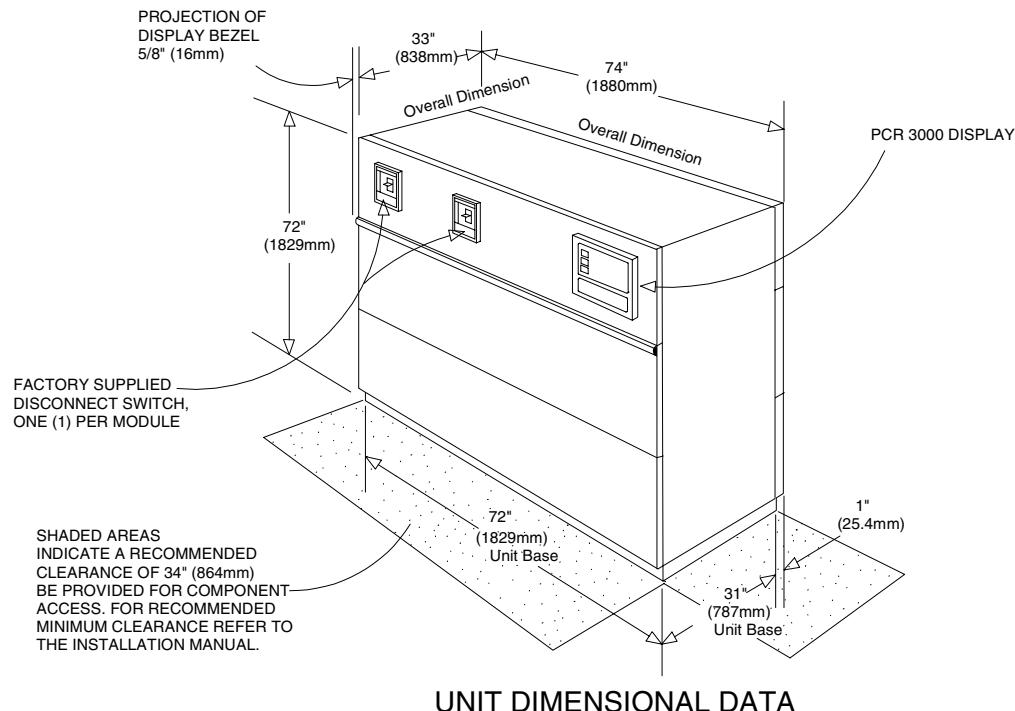
- Dedicated, equipment-matched cooling supplies the proper temperature and water flow, year round.
- Factory-tested, piped, wired, and charged for hassle-free start-up and operation.
- Local service and parts for quick and knowledgeable maintenance and service
- Optional switch-over to alternate water source provides redundant continuous operation.
- Optional remote monitoring systems keep you informed of chiller operation.
- Standard product ETL/CSA Certified.
- ISO 9000 Certified Company.

**Magnetom Harmony/Symphony Specifications**

Fluid Specified	Water/Glycol
Max Heat Dissipation—BTUH (kW)	102,390
Fluid Temperature Range—°F (°C)	43-54 (6-12)
Fluid Flow Rate—GPM (l/m)	13 (50)
Fluid Pressure Drop—PSI (kPa)	21.8 (150)

**Process Fluid Chiller Specifications**

Model Number	CS135A
Fluid Circulated	Water
Net Cooling Capacity—BTUH (kW)	116,000 (34)
Leaving Fluid Temperature—°F (°C)	45 (7.2)
Fluid Flow Rate—GPM (l/m)	24 (91)
Harmony/Symphony Pressure Drop—PSI (kPa)	21.8 (150)
Chiller Pressure Drop—PSI (kPa)	11.7 (81)
Pump Total Head—PSI (kPa)	56.3 (388)
Pump HP (kW)	3 (2.2)



UNIT DIMENSIONAL DATA

\* This application requires the chiller modules and storage tank to be mounted in a "CT" sized frame.

### Standard Features

- Indoor chiller with outdoor air-cooled condenser
- Electronic controls and monitor
- Semi-hermetic compressor
- Hot gas bypass capacity control
- Circulating pump
- Manual shut-off valves
- Flow switch and check-valve
- Non-locking disconnect switch
- Water- and glycol-cooled models available

### Optional Features Available

- Refrigerant gauges and reservoir heaters
- Alternate water source (AWS) module
- Stainless steel circulating pump
- UPS pump connection
- Separate pump power connection
- Locking disconnect switch
- Remote monitoring panel

### Required Special Options

- SFA E4968-1, 110 gallon internal storage tank
- SFA E6351-4, Electronic thermostats with automatic cylinder unloader controls
- SFA E5226-1, 3 hp pump
- SFA #E5818-3, Freezestat Change to allow for 45°F water temperature 15% glycol solution is required to prevent icing



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